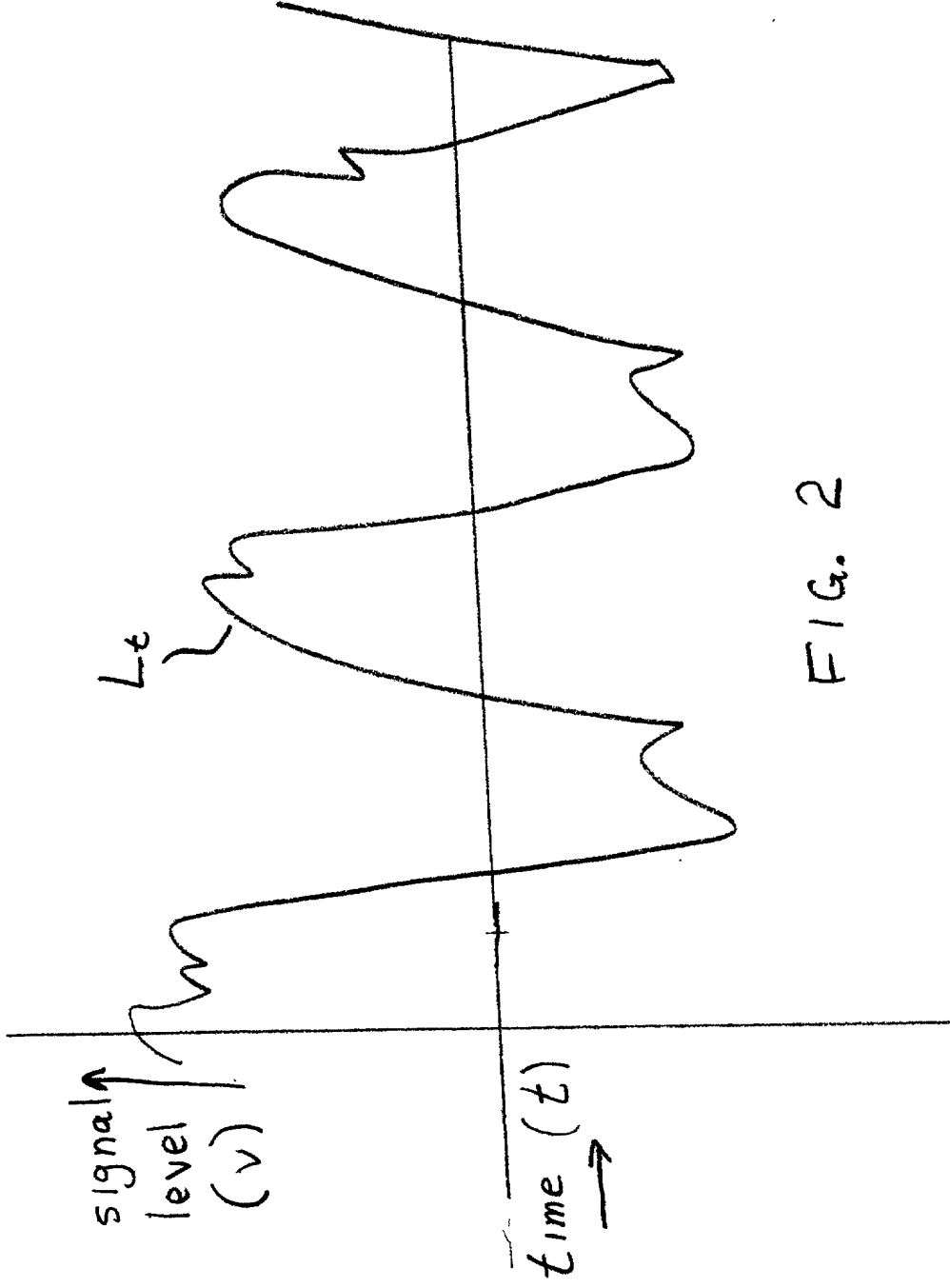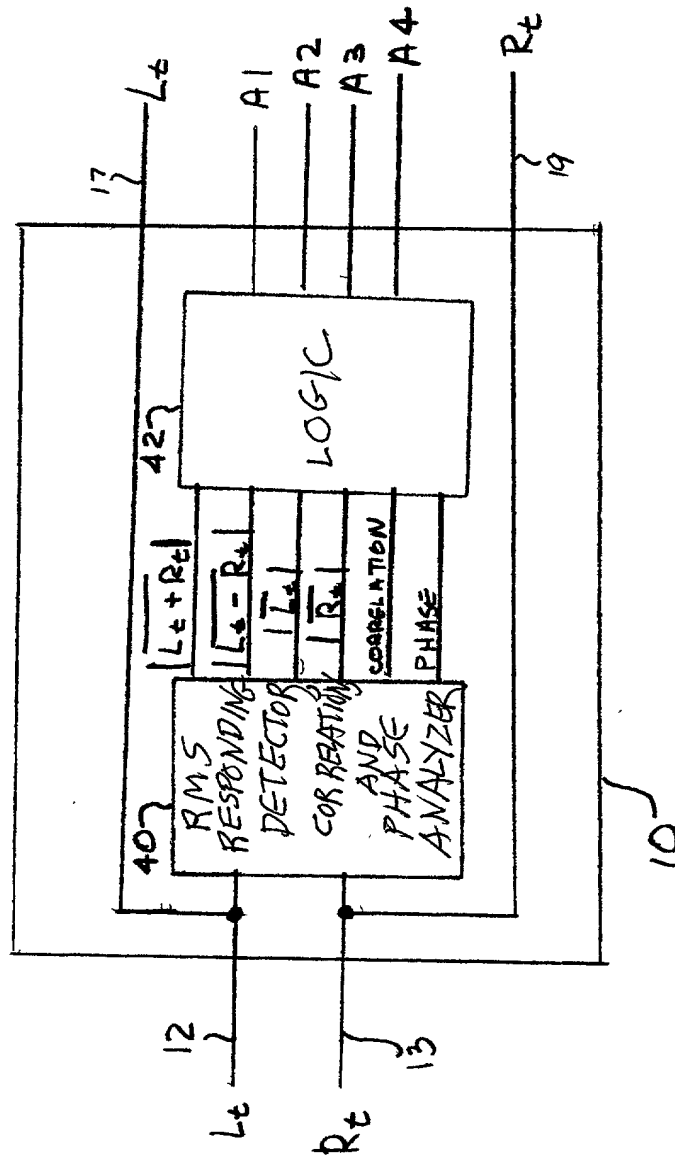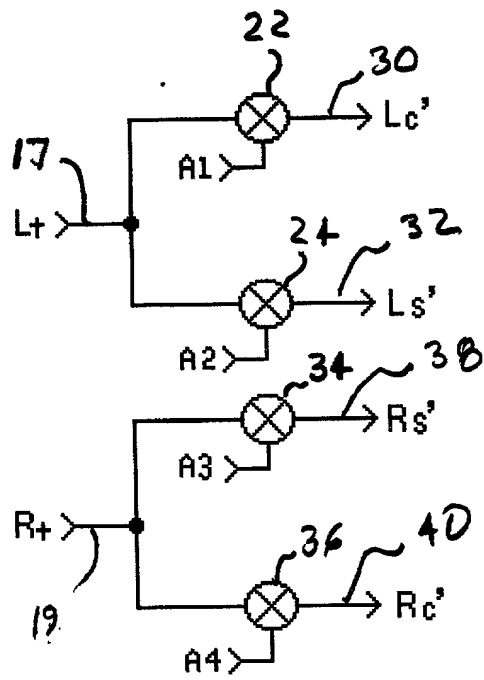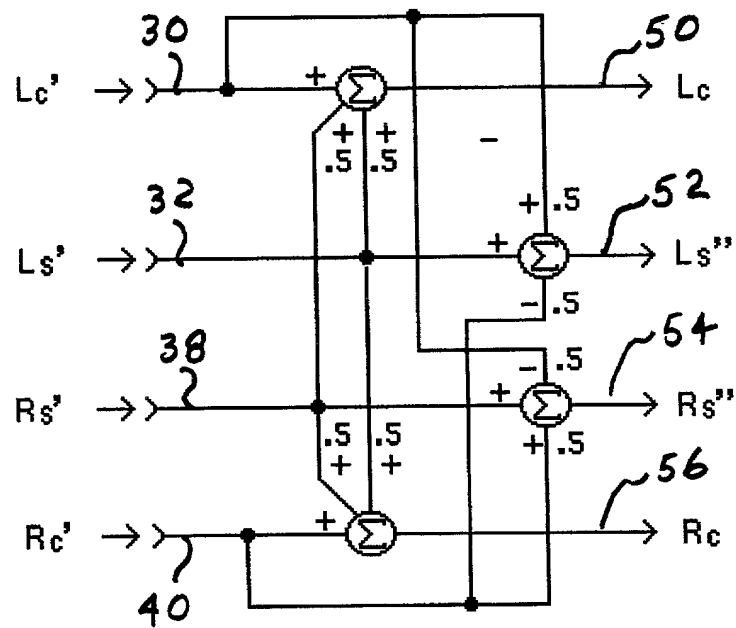FIG. 1

signal
level
(v)

L_t

time (t)

FIG. 2

FIG. 3

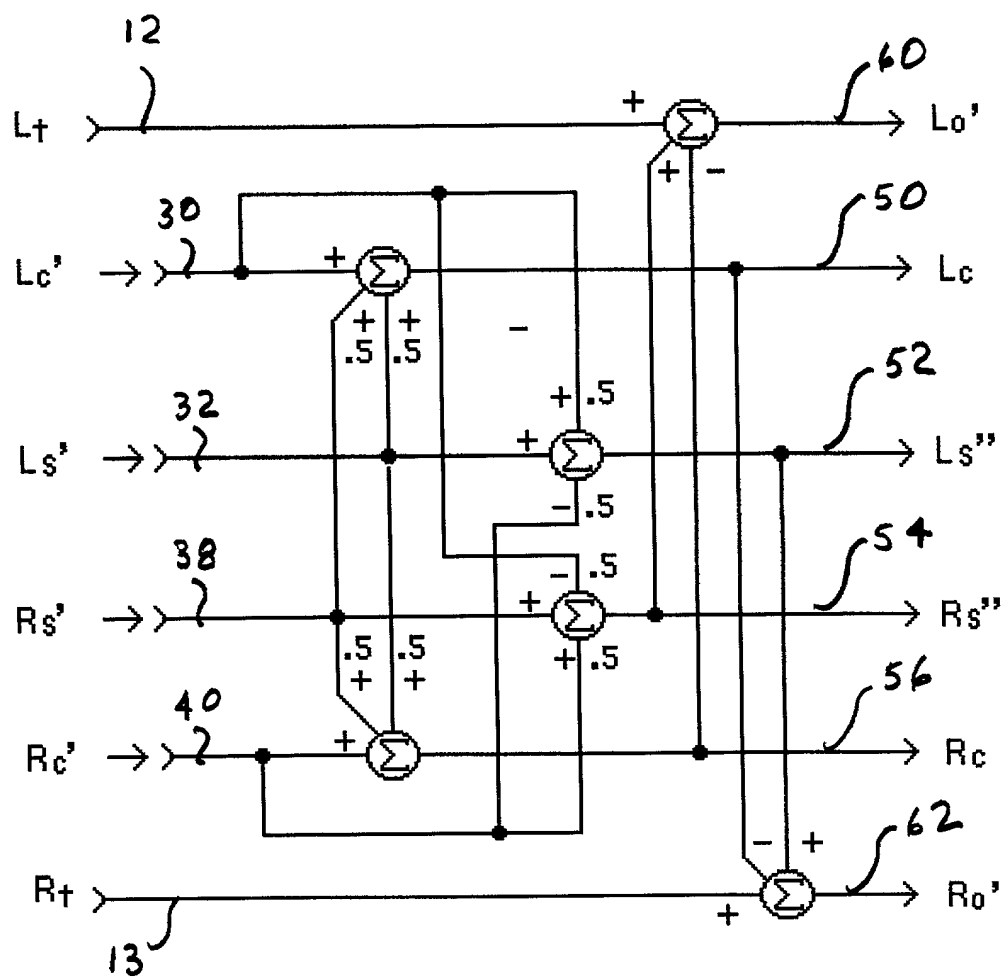Figure 4

Figure 5

Figure 6

Figure 7

62 50 70 66

Lo   Lc   Rc   Ro

78

Ls   Lcs   Rcs   Rs

72   68   56   74

Figure 8

Fig. 9
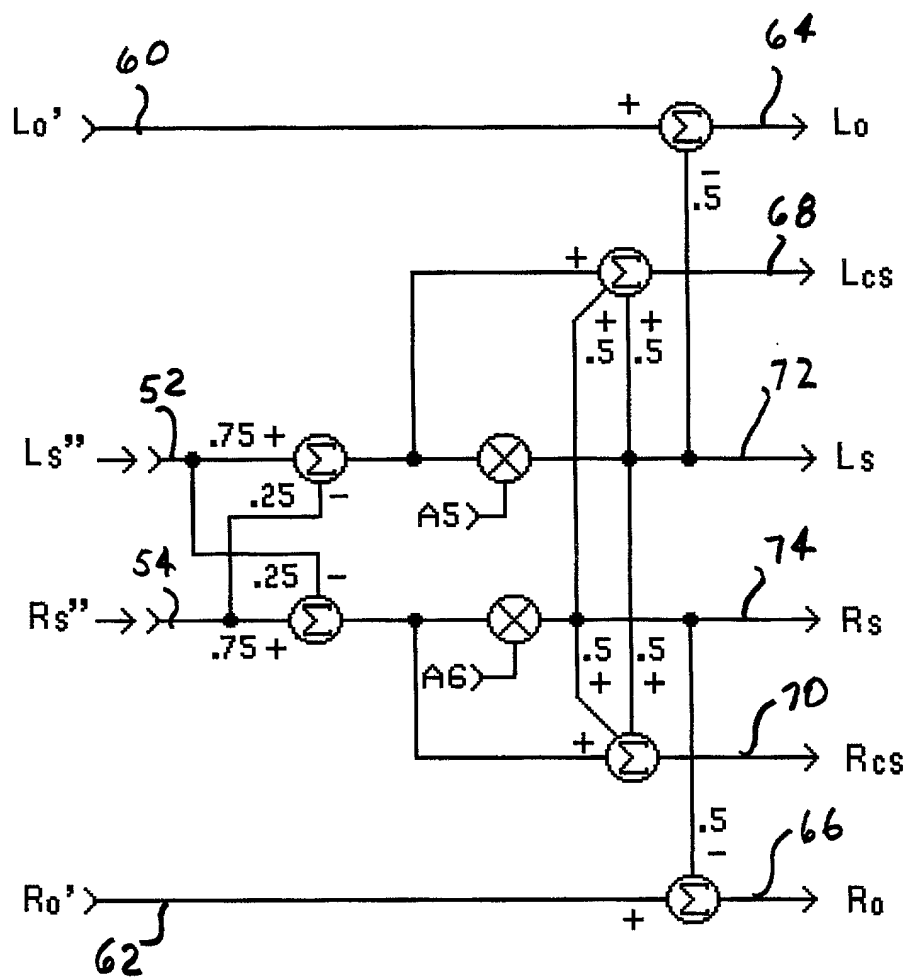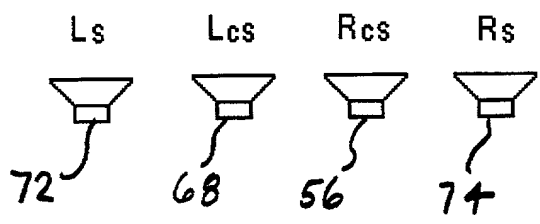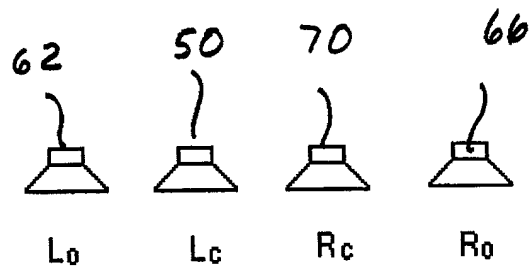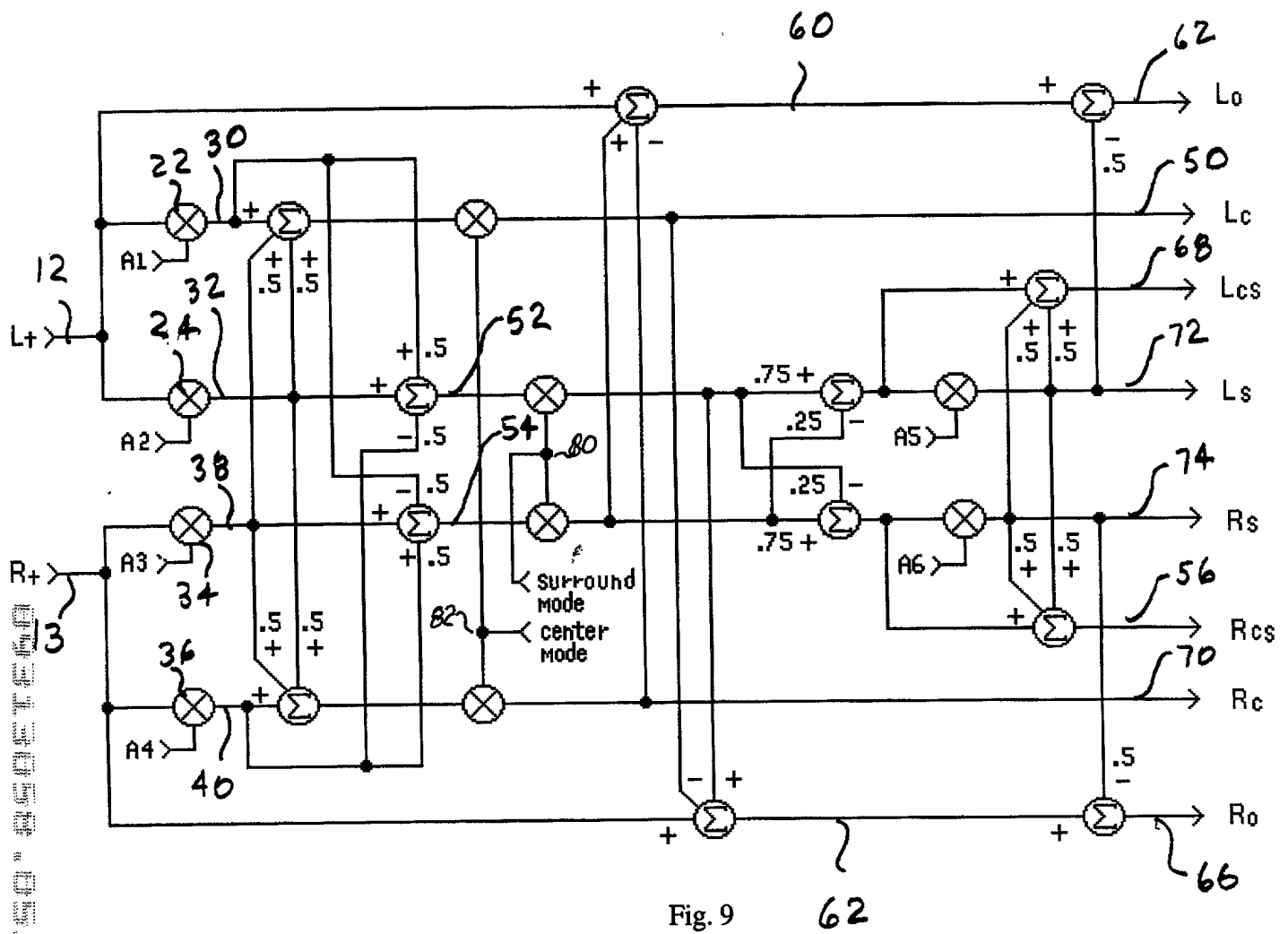
FIG. 10

decoded digital inputs
from transport means

directional
decoder

L
R
C
Ls
Rs

L new
Lt

R new
Rt

Ls
pre-mix
mode

Lt/L
pre-mix
mode

Rs
pre-mix
mode

Rt/R
pre-mix
mode

LFE

analogue
inputs

Lt

Rt

C

S

decode
mode

C

L
R
C
Ls
Rs
LFE
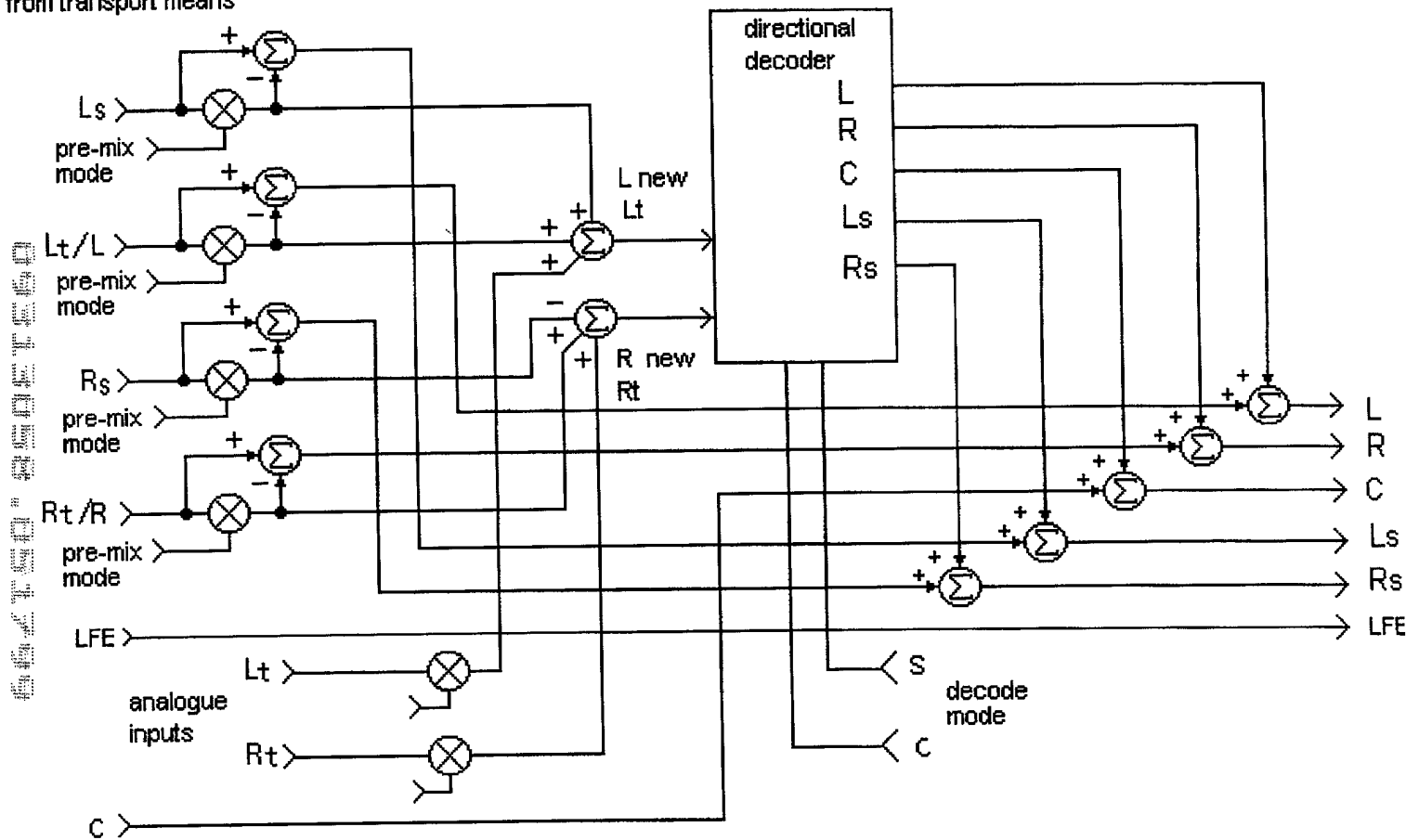
Flow diagram representing signal pre-mixer
in combination with an "n" channel directional
decoder where "n" ≤ 5